

## ABSTRACT OF THE DISCLOSURE

A heating element for the ignition of a pyrotechnic charge, e.g. for firing an air bag, has increased stability with respect to transient pulses and electrostatic discharge as a result of a selection of this mass, specific resistance and specific heat capacity. In particular the mass is  $1.0 \times 10^{-9}$  kg to  $4.0 \times 10^{-9}$  kg, the specific resistance is  $1 \times 10^{-6} \Omega m$  to  $2 \times 10^{-6} \Omega m$  and the specific heat capacity is 100 W/(kg.K) to 400 W/(kg.K).